

## FITTING INSTRUCTIONS

Remove the two cap securing screws.

Remove the cap and place aside.

Remove the driver and place aside.

Align the spindle hole in the lock case and hardened plate with the spindle hole in the door and attach the lock to the mounting plate with the four screws (1/4" BSW X 5/16") provided. (Fig. 1)

Position the dial ring on the front face of the door with the opening mark at the 12 o'clock position and the hole in the centre of the dial ring centred on the spindle hole in the door. (Fig. 2)

Secure the dial ring with the two M3.5 x 20 screws provided.

Insert the dial spindle through the door into the lock. Holding the driver stationary, rotate the dial clockwise and carefully mesh the thread on the spindle with that in the driver. Continue screwing until the dial is a snug fit in the dial ring and the driver is against the wheel post of the lock. Mark the spindle where it first projects through the driver.

Remove the dial spindle from the lock and cut the spindle 2mm shorter than the mark. File the new spindle end until it is smooth and flat.

Insert the dial spindle through the door and thread into the driver until the dial is a snug fit in the dial ring. Unscrew the spindle until the spline in the spindle aligns with the slot in the driver.

Insert the spline key with the flag facing inwards into the aligned slots, lightly tap the key until the flag touches the spindle, ensuring that the key is a rigid fit in the slots and the flag of the key is **below** the driver.

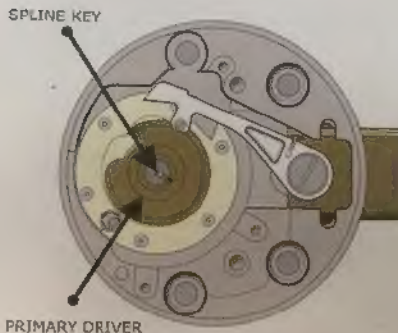
Check that the dial rotates freely with end play not exceeding 0.8mm.

Replace the lock cap and fasten securely with the screws provided.

**Please refer to the separate instruction for setting and operating procedures.**

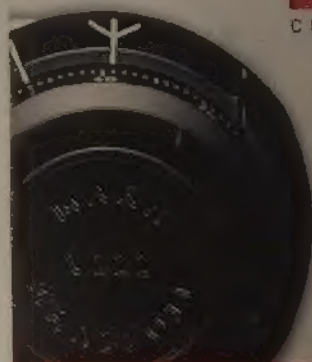
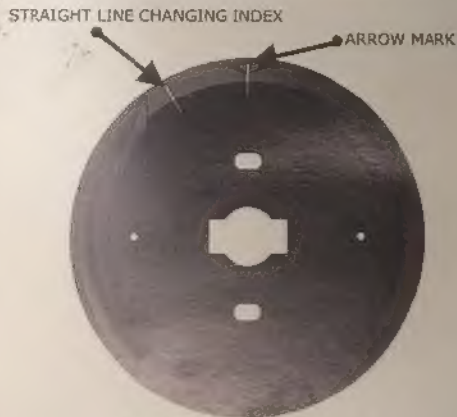
**Fig.1**

Align the spindle hole in the lock case



**Fig.2**

Position the dial ring on the front face of the door



## Operating and Changing Instructions L34 MK8 Combination Locks

### IMPORTANT

When operating the lock or changing the combination, READ INSTRUCTIONS THOROUGHLY.

Top of the dial ring, at the 12 o'clock position, an arrow is provided for normal dialling and opening. At the side of the dial ring, a straight line changing index at the 11 o'clock position is provided for use when setting a new combination.

As a precision lock; therefore extreme care must be taken to ensure the combination numbers with the arrow mark.

Unless ordered otherwise, locks are supplied to operate when set as per position shown in Fig. 4.



Fig. 4

Do not use numbers between 20 - 35 for the 4th wheel.



Fig. 5

Do not use numbers between 20 - 35 for the 4th wheel.



Fig. 6

Do not use numbers between 70 - 85 for the 4th wheel.

### UNLOCK ON A FACTORY SETTING

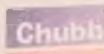
Unlock on a 4 number combination: **30-40-50-60**

Turn dial ANTI-CLOCKWISE, stopping when '30' is aligned with the arrow mark, the SIXTH time.

Turn dial CLOCKWISE, stopping when '40' is aligned with the arrow mark, the FIFTH time.

Turn dial ANTI-CLOCKWISE, stopping when '50' is aligned with the arrow mark, the FOURTH time.

Turn dial CLOCKWISE, stopping when '60' is aligned with the arrow mark, the THIRD time.



### CAUTION WARNINGS:

**Never** insert the change key in lock when the cap is removed.

**Always** be certain that the change key is fully engaged within the lock (ie the wing is inserted beyond the cap) before turning the key.

**Do not** use the combination on which the lock is set when you receive it, but make a new combination of your own to ensure security.

Unless ordered otherwise locks are supplied to operate in position Fig. 4 as per standard instructions for use.

e. Turn dial ANTI-CLOCKWISE, stopping when '0' (zero) is aligned with the arrow mark, the SECOND time.

f. Turn dial slowly CLOCKWISE until the bolt retracts.

2.2 Turn the dial slowly and steadily. If, after turning the correct number of revolutions, any number is turned beyond the arrow mark, the entire series of combination numbers must be re-dialled.

**DO NOT TURN BACK TO REGAIN A PROPER ALIGNMENT WITH THE NUMBERS**

### 3. TO LOCK

Turn dial ANTI-CLOCKWISE at least SIX full revolutions.



### 4. CHANGING TO A NEW COMBINATION

To select a new combination, choose 4 sets of numbers 0 to 99, but **DO NOT** use numbers as described in Section 2.1 last number.

#### For maximum security:

**DO NOT** choose consecutive numbers eg 33-34-35-36.  
**DO NOT** choose all fives or tens eg 40-50-60-70 or 45-50-55-60.  
**DO** USE numbers in a rising and falling sequence eg 33-44-55-66.  
**DO** ensure that there is a difference of at least 10 between any number by distributing the numbers over the dial. Take care to have any number suggesting its possible successor.

4.1 Using the straight line changing index, dial the new combination as explained within Section 2.1 but set the FOURTH number is aligned with the straight line changing index the THIRD time. The lock leaves the factory with a combination of **30-40-50-60**.

#### DO NOT MOVE THE DIAL FROM THIS POSITION

4.2 Remove the access plate (if fitted) on the inside of the lock thus exposing the back of the lock.

#### DO NOT REMOVE THE LOCK CAP

Remove the RED change key-hole plug. Hold the dial steady and turn the key in the key hole in the back of the lock. Insert the key until the wing is entirely inside the lock and comes to a positive stop.

4.3 Turn the change key ONE QUARTER ANTI-CLOCKWISE and leave in this position.

Turn the dial ANTI-CLOCKWISE, stopping when the newly selected combination aligns with the straight line changing index the SIXTH time.

4.4 Turn dial CLOCKWISE, stopping when the newly selected combination aligns with the straight line changing index, the FIFTH time.

4.5 Turn the dial ANTI-CLOCKWISE, stopping when the newly selected combination aligns with the straight line changing index, the FOURTH time.

4.6 Turn the dial CLOCKWISE, stopping when the newly selected combination aligns with the straight line changing index, the THIRD time. Holding the dial in this position, turn the change key CLOCKWISE (one quarter turn) and remove the key. The combination is now set in the lock.

Replace the RED change keyhole plug.

4.7 Before closing the unit, try the new combination using the arrow mark as described in Section 2.1.

4.8 If an error has been made in setting a new combination, it is suggested that an accredited locksmith be called.